

**CLAIMS**

What is claimed is:

1. A crystalline solvate comprising: a toluene-containing epothilone B  
5 clathrate.
2. The crystalline solvate according to claim 1 characterized by unit cell parameters approximately equal to the following:

10	Cell dimensions:	a = 11.853(1) Å
		b = 10.613(2) Å
		c = 14.328(2) Å
		Volume = 1659(1) Å <sup>3</sup>
	Space group	P2 <sub>1</sub>
	Molecules/unit cell	4
15	Density (calculated) (g/cm <sup>3</sup> )	1.201

wherein the crystalline solvate is at a temperature of about -33°C.

3. The crystalline solvate according to claim 1 wherein said crystalline solvate is characterized by peaks in a powder x-diffraction pattern at a value of two  
20 theta (CuK $\alpha$   $\lambda$ =1.5418Å) of about 13.4, 20.2, 22.0, and 24.9, at a temperature of 23°C .
4. The crystalline solvate according to claim 3 wherein said crystalline solvate is further characterized by peaks in a powder x-ray diffraction pattern at a  
25 value of two theta (CuK $\alpha$   $\lambda$ =1.5418 Å) of about 6.7, 8.2, 11.7, 12.7, 15.0, 15.8, 16.7, 18.5, 20.9, 21.5, 24.3, 26.3, 28.5, and 30.1, at a temperature of 23°C.
5. The crystalline solvate according to claim 1, which comprises about one molecule of toluene per one molecule of the epothilone B.
- 30 6. The crystalline solvate according to claim 5 characterized by unit cell parameters approximately equal to the following:

	Cell dimensions:	a = 11.853(1) Å
		b = 10.613(2) Å
		c = 14.328(2) Å
		Volume = 1659(1) Å <sup>3</sup>
5	Space group	P2 <sub>1</sub>
	Molecules/unit cell	4
	Density (calculated) (g/cm <sup>3</sup> )	1.201

wherein the crystalline solvate is at a temperature of about –33°C.

- 10 7. The crystalline solvate according to claim 5 wherein said crystalline solvate is characterized by peaks in a powder x-diffraction pattern at a value of two theta (CuK $\alpha$   $\lambda$ =1.5418Å) of about 13.4, 20.2, 22.0, and 24.9, at a temperature of 23°C .
- 15 8. The crystalline solvate according to claim 7 wherein said crystalline solvate is further characterized by peaks in a powder x-ray diffraction pattern at a value of two theta (CuK $\alpha$   $\lambda$ =1.5418 Å) of about 6.7, 8.2, 11.7, 12.7, 15.0, 15.8, 16.7, 18.5, 20.9, 21.5, 24.3, 26.3, 28.5, and 30.1, at a temperature of 23°C.
- 20 9. The crystalline solvate according to claim 1 characterized by: fractional atomic coordinates substantially as listed in Table 5.